

Message Text

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TO USMISSION OECD PARIS

C O N F I D E N T I A L STATE 216063

EXCON

E.O. 11652: XGDS-1

TAGS: ESTC, COCOM, PL, US

SUBJECT: US COMPUTER SYSTEM TO POLAND - IL 1565

REFS: A) OECD PARIS 25000, B) COCOM DOC (76)1343

FOLLOWING ARE ANSWERS TO UK QUESTIONS REPORTED IN REFTEL:

1. A SMALL CAPABILITY FOR EXPANSION EXISTS IN THE PROPOSED CONFIGURATION. THERE IS ONE UNUSED CHANNEL FOR I/O ON THE 1106 CENTRAL PROCESSOR AND 15 MORE TERMINALS COULD BE ADDED TO THE COMMUNICATIONS LINES. THE RELATIVELY LARGE MAIN MEMORY IS ACCOUNTED FOR BY THE FACT THAT THE UNITIZED MEMORY OF THE 1106 COMES IN ONLY TWO SIZES: 131 K WORDS, AS PROPOSED, AND 262 K WORDS. ABOUT 55 K WORDS ARE ALLOCATED TO THE OPERATING SYSTEM, AND FROM 10 K TO 50 K WORDS TO APPLICATIONS PROGRAMS, DEPENDING ON LOADING, LEAVING FROM 66 K TO 26 K WORDS FOR BATCH PROCESSING. DURING PEAK LOADING, 26 K WORDS WILL SUPPORT ABOUT ONE COBAL OR FORTRAN COMPILATION.

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TION. THE TOTAL DISC CAPACITY, EQUIVALENT TO 232 M BYTES,

IS REDUCED BY THE OPERATING SYSTEM TO AN EFFECTIVE

175 M BYTES, ALLOCATED AS FOLLOWS:

PRODUCT MASTER FILE - 25; PRODUCT INSTRUCTION FILE - 25;
CONSUMER MASTER FILE - 1; MANUFACTURING METHOD FILE - 4;
REGISTER ITEM FILE - 12; WORK UNIT FILE - 2; PERSONNEL
FILE - 2; SECURITY FILES - 15; DATA BASE RECOVERY FILE - 58;
WORK AREA - 31. TOTAL - 175 M BYTES.

2. TWO OF THE 5 MAGNETIC TAPE UNITS WILL BE AVAILABLE FOR
PROGRAM WORK, THE OTHERS BEING USED FOR HEAT RECORDS,
ANALYSIS RECORDS, AND ORDER RECORDS.

3. BIPROMET IS A CONSULTING ENGINEERING ORGANIZATION FOR
THE NON-FERROUS METALS INDUSTRY, AND SZOPIENICE IS A PLANT
WITHIN THAT INDUSTRY. BIPROMET'S 90/60 COMPUTER HAS DE-
VELOPMENT PROGRAMS AND DATA COMMONLY USED IN THE NON-FER-
ROUS METALS INDUSTRY. THE 1106 AT SZOPIENICE REQUIRES
PRODUCTION CONTROL DATA IN THE FORM OF PERIODIC UPDATES
AND MODIFICATIONS FROM THE 90/60 COMPUTER. THESE ARE
TRANSFERRED ON MAGNETIC TAPE REELS, ON OCCASION, SINCE THE
COMPUTERS ARE ABOUT FIVE MILES APART. THE 1106 MAY SEND
PRODUCTION, FABRICATION, AND CHEMICAL DATA TO THE 90/6U
SYSTEM. ROBINSON

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